

Serial No. 09/625,531 - Page 2

CLAIM AMENDMENTS

1. - 7. (Canceled)

8. (Currently Amended) Telecommunications apparatus, comprising:
a base unit[[,]] including an interface to a telecommunications network;
at least one wireless remote microphone in wireless communication with the base unit,
enabling a user of the microphone to speak to a listener through the base unit and
telecommunications network [[;and]],

wherein the base unit ~~forms forming~~ part of a video teleconferencing system including a
video camera for capturing images of the user for transmission to the listener through the
telecommunications network[[.]] ;

a wireless locator signal transmitter located at the base unit;
the remote microphone being configured to receive and re-transmit the locator signal to the
base unit, enabling the base unit to determine a positional aspect of the user of the microphone; and
a pan or tilt capability associated with the video camera which is controlled as a function of
the positional aspect, enabling the video camera to visually track a moving user.

9. - 10. (Canceled)

11. (Original) The telecommunications apparatus of claim 9, further including:
an auto-focusing capability for the video camera which is controlled as a function of the
positional aspect.

12. (Original) The telecommunications apparatus of claim 9, further including:
a zoom lens associated with the video camera which is controlled as a function of the
positional aspect.

13. (Currently Amended) The telecommunications apparatus of claim 8, further including:

Serial No. 09/625,531 - Page 3

a plurality of wireless remote microphones, each re-transmitting ([a]) the locator wireless audio signal to the base unit([.]); and

circuitry for distinguishing the signals received by each microphone so that the camera tracks a particular user when that user is speaking.

14. (Currently Amended) The telecommunications apparatus of claim 13, further including:
one or more a plurality of wireless locator signal transmitters; and
wherein each remote microphone re-transmits one of the wireless locator signals to the base unit, enabling the base unit to determine a positional aspect of each user.

15. (Currently Amended) The telecommunications apparatus of claim 14, further including:
a pan, tilt, ([and]) or zoom capability associated with the video camera which is controlled as function of the positional aspect of each user, enabling the camera to selectively frame the image of one or more users for transmission through the telecommunications network.

16. (Original) The telecommunications apparatus of claim 15, wherein the pan, tilt, or zoom capabilities are effectuated by selecting a subset of pixels from a larger number of pixels in an image gathered by the camera.

17. (Original) The telecommunications apparatus of claim 14, further including:
an auto-focusing capability for the video camera which is controlled as a function of the positional aspect of each user, enabling the camera to control depth-of-field associated with one or more users.

18. (New) The telecommunications apparatus of claim 8, wherein the wireless signal transmitter located at the base unit transmits an inaudible acoustic signal.

19. (New) The telecommunications apparatus of claim 13, wherein the circuitry for distinguishing the signals received by each microphone so that the camera follows a particular user includes a different carrier frequency associated with each microphone.

Serial No. 09/625,531 - Page 4

(248) 647-5000
TROY, MICHIGAN 48007-7021
20. (New) The telecommunications apparatus of claim 13, wherein the circuitry for distinguishing the signals received by each microphone includes microphone identification circuitry located at the base unit.

21. (New) The telecommunications apparatus of claim 8, further including circuitry for: evaluating signal quality from the microphone; and activating an alarm if the signal quality indicates that the microphone is being carried away by the user.